

| Ref # | Hits | Search Query   | DBs                                      | Default Operator | Plurals | Time Stamp       |
|-------|------|--|--|------------------|---------|------------------|
| S1    | 2611 | 370/431,436,442,443,444,458,459,461,462,498.ccls.  | US-PGPUB;<br>USPAT;<br>DERWENT           | OR               | ON      | 2004/05/16 16:12 |
| S2    | 375  | 725/98,118,126.ccls.   | US-PGPUB;<br>USPAT;<br>DERWENT           | OR               | ON      | 2004/05/16 16:13 |
| S3    | 2    | ("6091440").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR               | OFF     | 2005/07/22 14:07 |
| S4    | 3    | "9615599"  | EPO;<br>DERWENT;<br>IBM_TDB              | OR               | ON      | 2003/10/17 19:17 |
| S5    | 182  | 725/135  | US-PGPUB;<br>USPAT;<br>DERWENT           | OR               | ON      | 2004/05/04 14:13 |
| S6    | 175  | 725/149  | US-PGPUB;<br>USPAT;<br>DERWENT           | OR               | ON      | 2004/05/04 14:13 |
| S7    | 1056 | 370/458  | US-PGPUB;<br>USPAT;<br>DERWENT           | OR               | ON      | 2004/05/04 14:15 |
| S8    | 141  | 370/912  | US-PGPUB;<br>USPAT;<br>DERWENT           | OR               | ON      | 2004/05/04 14:15 |
| S9    | 0    | 725/135 and (guard adj byte)   | US-PGPUB;<br>USPAT;<br>DERWENT           | OR               | ON      | 2004/05/04 14:13 |
| S10   | 1    | 725/149 and (guard adj byte)   | US-PGPUB;<br>USPAT;<br>DERWENT           | OR               | ON      | 2004/05/04 14:14 |
| S11   | 3    | 370/458 and (guard adj byte)   | US-PGPUB;<br>USPAT;<br>DERWENT           | OR               | ON      | 2004/05/04 15:51 |
| S12   | 1    | 370/912 and (guard adj byte)   | US-PGPUB;<br>USPAT;<br>DERWENT           | OR               | ON      | 2004/05/04 14:15 |
| S13   | 3    | ((725/135 and (guard adj byte))<br>(725/149 and (guard adj byte))<br>(370/458 and (guard adj byte))<br>(370/912 and (guard adj byte)))<br>and ((guard adj byte) or (mini<br>near2 slot)) | US-PGPUB;<br>USPAT;<br>DERWENT           | OR               | ON      | 2005/01/21 11:09 |

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| S14 | 1    | ((725/135 and (guard adj byte))<br>(725/149 and (guard adj byte))<br>(370/458 and (guard adj byte))<br>(370/912 and (guard adj byte)))<br>and ((guard adj byte) and (mini<br>near2 slot)) | US-PGPUB;<br>USPAT;<br>DERWENT                          | OR | ON | 2005/01/21 11:10 |
| S15 | 0    | ((725/135 and (guard adj byte))<br>(725/149 and (guard adj byte))<br>(370/458 and (guard adj byte))<br>(370/912 and (guard adj byte)))<br>and ((guard adj byte) and (sub<br>near2 slot))  | US-PGPUB;<br>USPAT;<br>DERWENT                          | OR | ON | 2005/01/21 11:11 |
| S16 | 0    | ((guard adj byte) and (sub near2<br>slot))  | US-PGPUB;<br>USPAT;<br>DERWENT                          | OR | ON | 2005/01/21 11:11 |
| S17 | 1    | ((guard adj byte) and (mini near2<br>slot))   | US-PGPUB;<br>USPAT;<br>DERWENT                          | OR | ON | 2005/01/21 11:12 |
| S18 | 15   | ((guard adj byte) and (slot))   | US-PGPUB;<br>USPAT;<br>DERWENT                          | OR | ON | 2005/01/21 11:12 |
| S19 | 4    | ((guard adj byte) and (slot)) and<br>((@ad <= "19961129")(@rlad <=<br>"19961129"))  | US-PGPUB;<br>USPAT;<br>DERWENT                          | OR | ON | 2005/01/21 11:13 |
| S20 | 4    | ((guard adj byte) and (slot)) and<br>((@ad <= "19961129")(@rlad <=<br>"19961129"))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/21 11:13 |
| S21 | 15   | takefman.in.  | US-PGPUB;<br>USPAT;<br>DERWENT                          | OR | ON | 2004/05/06 15:16 |
| S22 | 4    | takefman.in. and slot   | US-PGPUB;<br>USPAT;<br>DERWENT                          | OR | ON | 2004/05/06 15:16 |
| S23 | 2    | takefman.in. and slot and (tdma<br>(time adj division adj mult\$5 adj<br>access))   | US-PGPUB;<br>USPAT;<br>DERWENT                          | OR | ON | 2004/05/06 15:18 |
| S24 | 0    | takefman.in. and slot and (tdma<br>(time adj division adj mult\$5 adj<br>access)) and reservation   | US-PGPUB;<br>USPAT;<br>DERWENT                          | OR | ON | 2004/05/06 15:18 |
| S25 | 1    | takefman.in. and slot and (tdma<br>(time adj division adj mult\$5 adj<br>access)) and transmission  | US-PGPUB;<br>USPAT;<br>DERWENT                          | OR | ON | 2004/05/06 15:18 |
| S26 | 201  | mini adj slot\$1  | US-PGPUB;<br>USPAT;<br>DERWENT                          | OR | ON | 2005/01/21 11:14 |
| S27 | 7602 | "725"/\$7.ccls.   | US-PGPUB;<br>USPAT;<br>DERWENT                          | OR | ON | 2004/05/14 17:38 |

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| S28 | 48353 | "370"/\$7.ccls.  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2004/05/14 17:38 |
| S29 | 81    | ("725"/\$7.ccls. or "370"/\$7.ccls.)<br>and tdma and (mini adj slot\$1)  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2005/01/21 15:29 |
| S30 | 7     | ((("725"/\$7.ccls. or "370"/\$7.ccls.)<br>and tdma and (mini adj slot\$1))<br>and (guard adj (bit\$1 or byte\$1))  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2005/01/21 15:30 |
| S31 | 0     | ((("725"/\$7.ccls. or "370"/\$7.ccls.)<br>and tdma and (mini adj slot\$1))<br>and (guard adj (bit\$1 or byte\$1))<br>and ((@ad <= "19961129")(@rlad<br><= "19961129"))   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2005/01/21 15:30 |
| S32 | 6     | ("725"/\$7.ccls. or "370"/\$7.ccls.)<br>and tdma and (mini adj slot\$1)<br>and ((@ad <= "19961129")(@rlad<br><= "19961129"))   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2005/01/21 15:30 |
| S33 | 7     | ("725"/\$7.ccls. or "370"/\$7.ccls.)<br>and (tdma (time adj division adj<br>multiple adj access)) and (mini adj<br>slot\$1) and ((@ad <=<br>"19961129")(@rlad <=<br>"19961129"))   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2005/01/21 15:31 |
| S34 | 7     | ("725"/\$7.ccls. or "370"/\$7.ccls.)<br>and (tdma (time adj division adj<br>multiple adj access)) and slot\$1<br>and (mini adj slot\$1) and ((@ad<br><= "19961129")(@rlad <=<br>"19961129"))   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2005/01/21 15:31 |
| S35 | 13    | ("725"/\$7.ccls. or "370"/\$7.ccls.)<br>and (tdma (time adj division adj<br>multiple adj access)) and slot\$1<br>and ((mini adj slot\$1) minislot\$1<br>("mini-slot")) and ((@ad <=<br>"19961129")(@rlad <=<br>"19961129"))  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2005/01/21 15:31 |
| S36 | 6     | ((("725"/\$7.ccls. or "370"/\$7.ccls.)<br>and (tdma (time adj division adj<br>multiple adj access)) and slot\$1<br>and ((mini adj slot\$1) minislot\$1<br>("mini-slot")) and ((@ad <=<br>"19961129")(@rlad <=<br>"19961129")))) not (("725"/\$7.ccls.<br>or "370"/\$7.ccls.) and (tdma (time<br>adj division adj multiple adj<br>access)) and slot\$1 and (mini adj<br>slot\$1) and ((@ad <=<br>"19961129")(@rlad <=<br>"19961129")))) | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2005/01/21 15:32 |

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| S37 | 4 | ("725"/\$7.ccls. or "370"/\$7.ccls.) and (tdma (time adj division adj multiple adj access)) and slot\$1 and ((mini adj slot\$1) minislot\$1 ("mini-slot")) and (guard or guard\$5) and ((@ad <= "19961129")(@rlad <= "19961129"))  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2005/01/21 15:32 |
| S38 | 3 | ("725"/\$7.ccls. or "370"/\$7.ccls.) and (tdma (time adj division adj multiple adj access)) and slot\$1 and ((mini adj slot\$1) minislot\$1 ("mini-slot")) and (guard or guard\$5) and (reserve or reservation) and ((@ad <= "19961129")(@rlad <= "19961129"))                     | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2005/01/21 15:32 |
| S39 | 3 | ("725"/\$7.ccls. or "370"/\$7.ccls.) and (tdma (time adj division adj multiple adj access)) and (slot\$1 timeslot dataslot) and ((mini adj slot\$1) minislot\$1 ("mini-slot")) and (guard or guard\$5) and (reserve or reservation) and ((@ad <= "19961129")(@rlad <= "19961129")) | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2005/01/21 15:33 |
| S40 | 0 | "08677160".ap.   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2004/05/15 21:06 |
| S41 | 3 | "677160".ap.   | USPAT                          | OR | OFF | 2005/01/21 10:28 |
| S42 | 3 | ((725/135 and (guard adj byte)) (725/149 and (guard adj byte)) (370/458 and (guard adj byte)) (370/912 and (guard adj byte))) and ((guard adj byte) or (mini near2 slot))  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2005/01/21 11:09 |
| S43 | 1 | ((725/135 and (guard adj byte)) (725/149 and (guard adj byte)) (370/458 and (guard adj byte)) (370/912 and (guard adj byte))) and ((guard adj byte) and (mini near2 slot))   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2005/01/21 11:10 |
| S44 | 0 | ((725/135 and (guard adj byte)) (725/149 and (guard adj byte)) (370/458 and (guard adj byte)) (370/912 and (guard adj byte))) and ((guard adj byte) and (sub near2 slot))  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2005/01/21 11:11 |
| S45 | 0 | ((guard adj byte) and (sub near2 slot))  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2005/01/21 11:12 |

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| S46 | 1   | ((guard adj byte) and (mini near2 slot))   | US-PGPUB;<br>USPAT;<br>DERWENT                          | OR | ON | 2005/01/21 11:12 |
| S47 | 16  | ((guard adj byte) and (slot))  | US-PGPUB;<br>USPAT;<br>DERWENT                          | OR | ON | 2005/01/21 11:12 |
| S48 | 4   | ((guard adj byte) and (slot)) and<br>((@ad <= "19961129")(@rlad <= "19961129"))  | US-PGPUB;<br>USPAT;<br>DERWENT                          | OR | ON | 2005/01/21 11:13 |
| S49 | 4   | ((guard adj byte) and (slot)) and<br>((@ad <= "19961129")(@rlad <= "19961129"))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/21 11:14 |
| S50 | 252 | mini adj slot\$1   | US-PGPUB;<br>USPAT;<br>DERWENT                          | OR | ON | 2005/01/21 11:15 |
| S51 | 18  | mini adj slot\$1 and ((@ad <= "19961129")(@rlad <= "19961129"))  | US-PGPUB;<br>USPAT;<br>DERWENT                          | OR | ON | 2005/07/22 14:07 |
| S52 | 105 | ("725"/\$7.ccls. or "370"/\$7.ccls.)<br>and tdma and (mini adj slot\$1)  | US-PGPUB;<br>USPAT;<br>DERWENT                          | OR | ON | 2005/01/21 15:30 |
| S53 | 7   | ((("725"/\$7.ccls. or "370"/\$7.ccls.)<br>and tdma and (mini adj slot\$1))<br>and (guard adj (bit\$1 or byte\$1))  | US-PGPUB;<br>USPAT;<br>DERWENT                          | OR | ON | 2005/01/21 15:30 |
| S54 | 0   | ((("725"/\$7.ccls. or "370"/\$7.ccls.)<br>and tdma and (mini adj slot\$1))<br>and (guard adj (bit\$1 or byte\$1))<br>and ((@ad <= "19961129")(@rlad <= "19961129"))                    | US-PGPUB;<br>USPAT;<br>DERWENT                          | OR | ON | 2005/01/21 15:30 |
| S55 | 6   | ("725"/\$7.ccls. or "370"/\$7.ccls.)<br>and tdma and (mini adj slot\$1)<br>and ((@ad <= "19961129")(@rlad <= "19961129"))  | US-PGPUB;<br>USPAT;<br>DERWENT                          | OR | ON | 2005/01/21 15:30 |
| S56 | 7   | ("725"/\$7.ccls. or "370"/\$7.ccls.)<br>and (tdma (time adj division adj<br>multiple adj access)) and (mini adj<br>slot\$1) and ((@ad <= "19961129")(@rlad <= "19961129"))             | US-PGPUB;<br>USPAT;<br>DERWENT                          | OR | ON | 2005/01/21 17:44 |
| S57 | 7   | ("725"/\$7.ccls. or "370"/\$7.ccls.)<br>and (tdma (time adj division adj<br>multiple adj access)) and slot\$1<br>and (mini adj slot\$1) and ((@ad <= "19961129")(@rlad <= "19961129")) | US-PGPUB;<br>USPAT;<br>DERWENT                          | OR | ON | 2005/01/21 15:31 |

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| S58 | 13 | ("725"/\$7.ccls. or "370"/\$7.ccls.) and (tdma (time adj division adj multiple adj access)) and slot\$1 and ((mini adj slot\$1) minislot\$1 ("mini-slot")) and ((@ad <= "19961129")(@rlad <= "19961129"))  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2005/01/21 17:47 |
| S59 | 6  | ((("725"/\$7.ccls. or "370"/\$7.ccls.) and (tdma (time adj division adj multiple adj access)) and slot\$1 and ((mini adj slot\$1) minislot\$1 ("mini-slot")) and ((@ad <= "19961129")(@rlad <= "19961129"))) not ((("725"/\$7.ccls. or "370"/\$7.ccls.) and (tdma (time adj division adj multiple adj access)) and slot\$1 and (mini adj slot\$1) and ((@ad <= "19961129")(@rlad <= "19961129")))) | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2005/01/21 15:32 |
| S60 | 4  | ("725"/\$7.ccls. or "370"/\$7.ccls.) and (tdma (time adj division adj multiple adj access)) and slot\$1 and ((mini adj slot\$1) minislot\$1 ("mini-slot")) and (guard or guard\$5) and ((@ad <= "19961129")(@rlad <= "19961129"))  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2005/01/21 15:32 |
| S61 | 3  | ("725"/\$7.ccls. or "370"/\$7.ccls.) and (tdma (time adj division adj multiple adj access)) and slot\$1 and ((mini adj slot\$1) minislot\$1 ("mini-slot")) and (guard or guard\$5) and (reserve or reservation) and ((@ad <= "19961129")(@rlad <= "19961129"))   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2005/01/21 15:32 |
| S62 | 3  | ("725"/\$7.ccls. or "370"/\$7.ccls.) and (tdma (time adj division adj multiple adj access)) and (slot\$1 timeslot dataslot) and ((mini adj slot\$1) minislot\$1 ("mini-slot")) and (guard or guard\$5) and (reserve or reservation) and ((@ad <= "19961129")(@rlad <= "19961129"))   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2005/01/21 15:33 |
| S63 | 1  | ("725"/\$7.ccls. or "370"/\$7.ccls.) and (tdma (time adj division adj multiple adj access)) and slot\$1 and ((mini adj slot\$1) minislot\$1 ("mini-slot")) and ((@ad <= "19961129")(@rlad <= "19961129")) and davic  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2005/01/21 17:47 |

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| S64 | 56 | (minislot ("mini-slot") (mini adj slot)) and ((@ad <= "19961129")(@rlad <= "19961129"))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/22 14:08 |
| S65 | 35 | (minislot ("mini-slot") (mini adj slot)) and ((@ad <= "19961129")(@rlad <= "19961129")) and (reserve reserved reservation reserving)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/22 14:09 |
| S66 | 25 | (minislot ("mini-slot") (mini adj slot)) same (reserve reserved reservation reserving) and ((@ad <= "19961129")(@rlad <= "19961129"))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/22 14:09 |
| S67 | 21 | (minislot ("mini-slot") (mini adj slot)) with (reserve reserved reservation reserving) and ((@ad <= "19961129")(@rlad <= "19961129"))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/22 14:24 |
| S68 | 5  | (minislot ("mini-slot") (mini adj slot)) with (reserve reserved reservation reserving) and ((@ad <= "19961129")(@rlad <= "19961129")) and (tdma (time adj division adj multi\$3 adj access))                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/22 15:10 |
| S69 | 5  | (minislot ("mini-slot") (mini adj slot)) with (reserve reserved reservation reserving) and ((@ad <= "19961129")(@rlad <= "19961129")) and (tdma (time adj division adj multi\$3 adj access)) and (contention contentionless) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/22 15:11 |